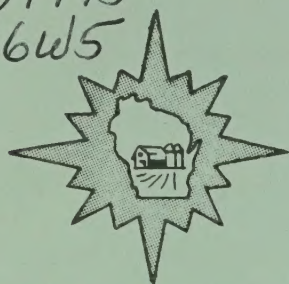


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WISCONSIN Farm Reporter

- Dairy
- Crops
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VOL. XII, NO. 4

February 1980

SERIALS CONTROL AND
EXCHANGE SECT
CURRENT SERIAL RECORDS

Cream of the News

Wisconsin's milk production in January was up slightly from a year earlier, following a record output of 22 billion pounds in 1979.

Wholesale prices of cheddar and Swiss cheese increased in January, but butter prices were lower.

Preliminary estimates for 1979 indicated that production of American cheese in both Wisconsin and the Nation was a record high.

Milk prices received by Wisconsin farmers in January were expected to average 1 cent higher than in December and 74 cents above a year ago.

Cold storage stocks of cheese in the Nation at the end of January were up 18 percent from a year ago and the highest for that date since 1955.

Production of butter and American cheese in Wisconsin and the Nation during January was above that month in 1979.

The index of prices received by Wisconsin farmers as of mid-January was below the prices paid index for the first time since July 1978.

Beef cattle prices at Wisconsin auction markets in January were up from the previous month.

The cattle inventory in Wisconsin and the Nation on January 1 was above a year earlier for the first time since 1975.

Prices paid for barrows and gilts at Wisconsin packing plants and country buying stations declined from December to January.

The Nation's hog slaughter for January was up 26 percent from a year ago and a record kill for that month.

Cold storage stocks of poultry in the Nation at the end of January were well above the previous year.

JANUARY MILK PRODUCTION UP SLIGHTLY FROM YEAR AGO

Milk production on Wisconsin farms during January totaled 1,786 million pounds, an increase of about one-half percent from a year ago. Production per cow for January averaged 985 pounds, 5 pounds more than in January 1979. There were 1,813,000 milk cows on Wisconsin farms during January, up 2,000 head from the previous year.

The Nation's milk production in January totaled 10.3 billion pounds, nearly 3 percent higher than a year earlier. Production per cow averaged 951 pounds for January, a gain of 28 pounds from last year. The 10.8 million milk cows on the Nation's farms during January were slightly less than a year ago.

Milk Production

Selected States	January 1979	January 1980	Change from last year	Revised Jan.-Dec. 1979
	Million pounds		Percent	Million pounds
Wisconsin . . .	1,775	1,786	+ 1	21,950
Minnesota . . .	786	782	- 1	9,145
New York . . .	889	905	+ 2	10,679
Pennsylvania . .	642	687	+ 7	8,084
California . . .	953	1,047	+ 10	12,549
Other States . .	4,959	5,053	+ 2	61,216
United States .	10,004	10,260	+ 3	123,623

JANUARY MILK PRICES SHOW 1 CENT GAIN

Prices received by Wisconsin farmers for milk sold in January were expected to average \$12.35 a hundredweight. This was 1 cent above December and 74 cents more than in January 1979.

The December milk price of \$12.34 a hundredweight was 7 cents lower than the previous month but 69 cents higher than a year earlier. Milkfat content for December averaged 3.86 percent compared with 3.90 percent in December 1978.

Milk produced for the Grade A market returned an average of \$12.50 a hundredweight in December, 8 cents under November but 69 cents above the previous year. Manufacturing grade milk averaged \$11.98 a hundredweight during December.

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ber, a decline of 6 cents from a month earlier but also 69 cents higher than December 1978. The 3.5 percent base price for manufacturing grade milk in December averaged \$11.46 a hundredweight, 24 cents above the 3.5 percent Government support price.

Milk Prices 1/

Selected States	November 1979		December price per cwt.			Jan. 1980 price per cwt. 2/
	Average test	Price per cwt.	1978	1979	79/78 change	
	Percent	Dollars	Dollars	Dollars	Percent	Dollars
Milk for all uses						
Wisconsin	3.90	12.41	11.65	12.34	+ 6	12.35
Minnesota	3.76	11.99	11.15	11.97	+ 7	12.00
New York	3.68	12.90	11.70	12.50	+ 7	12.50
California	3.64	12.20	11.00	12.50	+ 14	12.60
United States . .	3.77	12.90	11.80	12.80	+ 8	12.80
Wisconsin utilization						
Market milk . . .	3.88	12.58	11.81	12.50	+ 6	XXX
Manufacturing milk	3.93	12.04	11.29	11.98	+ 6	XXX
Creameries . . .	3.92	11.91	11.19	11.86	+ 6	XXX
Cheese factories	3.93	12.06	11.31	12.00	+ 6	XXX
Varied prod plants	3.92	11.88	11.18	11.85	+ 6	XXX

1/Preliminary average buying prices received for milk of average test. They differ from basic buying prices which are 3.5% milk. 2/Based on preliminary information for milk of average test.

Wisconsin 3.5 Test Milk Prices 1/

Utilization	Dec. 1978	Nov. 1979	Dec. 1979 2/	Change from last year
	Dollars per cwt.			Percent
Market milk	11.28	12.01	11.97	+ 6
Manufacturing milk	10.78	11.47	11.46	+ 6
Creameries	10.68	11.36	11.35	+ 6
American cheese plants	10.81	11.49	11.48	+ 6
Varied products plants	10.67	11.33	11.34	+ 6
Federal Order Markets				
Chicago Regional Base Zone . .	11.04	11.87	11.86	+ 7

1/Computed using milkfat differential. 2/Preliminary.

WHOLESALE PRICES HIGHER FOR CHEESE

Wholesale prices of cheddar and Swiss cheese increased from December to January. Cheddar cheese in 40 pound blocks averaged 125.64 cents a pound at Wisconsin assembly points in January, up more than one-half cent from the previous month and 6 cents above last year.

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Swiss cheese, Wisconsin State Brand, averaged 161.27 cents a pound for January, nearly 2 cents more than in December and 10 cents higher than January 1979.

The 92-score butter price at New York averaged 134.67 cents a pound in January, down 2 cents from a month earlier but almost 20 cents above a year ago.

National evaporated milk prices averaged \$19.05 a case in January, up 33 cents from December and \$2.04 more than January last year. Prices for nonfat dry milk solids declined a little from December to January, but they were 7.4 cents above the previous year.

Wholesale Dairy Prices

Commodity	January 1979	December 1979	January 1980
Butter, 92-score, New York, pound . .	115.03¢	136.62¢	134.67¢
Cheese, Cheddars, Wisconsin primary markets, 40 lb. block, pound 1/ . .	119.50¢	125.00¢	125.64¢
Cheese, Swiss, Wisconsin State Brand, block pound 1/	151.00¢	159.50¢	161.27¢
National evaporated milk, case, 48 13 fluid oz. cans	\$17.01	\$18.72	\$19.05
Nonfat dry milk solids, spray, Chicago area, pound	76.30¢	83.87¢	83.70¢

1/Selling prices, f.o.b. at Wisconsin assembly points.

AMERICAN CHEESE PRODUCTION RECORD HIGH IN 1979

Preliminary estimates indicate that production of American cheese in both Wisconsin and the Nation was a record high in 1979. American cheese production for the Nation totaled about 2.2 billion pounds during 1979, up 5 percent

Current Dairy Products Estimates

Item and area	December 1978	December 1979	Jan.-Dec. 1979	Change from last year	
				December	Jan.-Dec.
	1,000 pounds			Percent	
BUTTER					
Wisconsin	19,099	20,700	254,800	+ 8	+ 2
Minnesota	12,593	11,585	156,170	- 8	- 8
California	10,230	14,000	150,015	+ 37	+ 8
Other states	35,737	37,475	424,417	+ 5	- 2
United States	77,659	83,760	985,402	+ 8	- 1
CHEESE, AMERICAN					
Wisconsin	68,172	71,000	930,150	+ 4	+ 6
Minnesota	36,090	36,800	417,345	+ 2	+ 9
Iowa	7,834	7,938	97,275	+ 1	+ 7
Other states	58,177	56,758	742,502	- 2	+ 3
United States	170,273	172,496	2,187,272	+ 1	+ 5
CHEESE, MISCELLANEOUS					
United States					
Swiss	16,965	16,602	217,654	- 2	+ 4
Brick and Muenster	6,848	6,797	76,186	- 1	n. c.
Italian	78,576	80,080	929,063	+ 2	+ 6
All other	28,725	28,653	299,503	n. c.	+ 5
Total	131,114	132,132	1,552,406	+ 1	+ 7
ALL CHEESE					
United States	301,052	304,628	3,709,678	+ 1	+ 6
OTHER PRODUCTS					
Cottage Cheese					
United States					
Curd 1/	47,577	47,497	664,997	n. c.	- 3
Creamed 2/	60,551	61,767	847,866	+ 2	- 3
Lowfat 3/	10,510	10,840	155,261	+ 3	+ 3
	1,000 gallons			Percent	
ICE CREAM					
Wisconsin	1,294	1,320	18,970	+ 2	n. c.
Illinois	2,783	2,510	38,140	- 10	- 5
Iowa	609	921	13,169	+ 51	+ 16
Michigan	2,220	2,250	36,680	+ 1	+ 5
Minnesota	2,200	2,140	32,335	- 3	+ 1
Other states	42,912	42,614	678,624	- 1	n. c.
United States	52,018	51,755	817,918	- 1	n. c.

1/Mostly used for processing into creamed or lowfat cottage cheese. 2/Fat content 4 percent or more. 3/Fat content less than 4 percent.

from 1978. Wisconsin produced 930 million pounds of American cheese in 1979, an increase of 6 percent from the previous year. The State accounted for 42.5 percent of the Nation's American cheese production in 1979. Minnesota increased its production of American cheese 9 percent from 1978, Iowa was up 7 percent, and other states had a gain of 3 percent.

Butter production in the Nation for 1979 amounted to 985 million pounds, 1 percent below 1978. Dairy plants in Wisconsin churned nearly 255 million pounds of butter during 1979, an increase of 2 percent from a year earlier. Output of butter in Minnesota for 1979 was down 8 percent from the previous year but California's production increased 8 percent. Other states manufactured 2 percent less butter in 1979 than in 1978.

Total cheese production Nationally in 1979 was 6 percent more than a year earlier. Swiss cheese output was up 4 percent from 1978, while production of Italian cheese increased 6 percent. Brick and Muenster production for 1979 showed little change from the previous year, but output of all other varieties was up 5 percent.

The Nation's production of curd and creamed cottage cheese in 1979 was down 3 percent from 1978, but lowfat cottage cheese production increased 3 percent.

Ice cream production in both Wisconsin and the Nation during 1979 was about the same as a year earlier.

CHEESE STOCKS 18 PERCENT ABOVE A YEAR AGO

Cold storage stocks of cheese in the Nation at the end of January totaled nearly 515 million pounds, an increase of 18 percent from the previous year and the highest stocks for that

date since 1955. Stocks of American cheese at 405 million pounds were up 12 percent from January 31, 1979. The Government owned 6.3 million pounds of American cheese at the end of January compared with 5.9 million pounds a year earlier. Wisconsin's stocks of American cheese totaled 214.6 million pounds, 13 percent more than on January 31 last year. Swiss cheese stocks at the end of January were up 19 percent from a year ago, while stocks of all other cheese increased 51 percent.

The Nation had 190 million pounds of butter in cold storage on January 31, a decline of 8 percent from the previous year. Government butter stocks totaled nearly 160 million pounds, down 13 percent from a year earlier. Cold storage stocks of butter in Wisconsin at the end of January amounted to 24.8 million pounds, 25 percent higher than on that date in 1979.

BUTTER AND AMERICAN CHEESE PRODUCTION ABOVE JANUARY 1979

Production of butter and American cheese in Wisconsin and the Nation during January was higher than a year ago. The Nation's butter output for January was about 4 percent more than a year earlier. December butter production had been 8 percent greater than the previous year. Wisconsin's butter production in December was also up 8 percent from a year earlier, and output for January continued above last year.

Production of American cheese in the Nation during January was about 4 percent higher than a year ago, following an increase of 1 percent in December. American cheese production in Wisconsin for January exceeded the 4 percent increase shown in December.

Cold Storage Stocks of Butter and Cheese

Commodity	Jan. 31, 1978	Jan. 31, 1979	Jan. 31, 1980	Change from last year
	1,000 pounds			Percent
UNITED STATES				
Butter	195,713	206,653	190,001	- 8
Cheese, American	395,246	361,444	405,148	+ 12
Cheese, Swiss	8,136	12,420	14,772	+ 19
Cheese, all other	56,182	62,774	94,906	+ 51
Cheese, total	459,564	436,638	514,826	+ 18
WISCONSIN				
Butter	19,249	19,842	24,834	+ 25
Cheese, American	192,761	189,478	214,585	+ 13
GOVERNMENT STOCKS*				
Butter	145,753	183,986	159,746	- 13
Cheese, American	38,110	5,901	6,323	+ 7

*Included in above totals.

Manufactures' Stocks of Other Dairy Products, United States

Commodity	Dec. 31 1977	Dec. 31 1978	Dec. 31 1979	Change from last year
	1,000 pounds			Percent
Dried whole milk	5,972	4,383	4,312	- 2
Dried skim milk	63,228	40,937	93,933	+ 129
Dried buttermilk	4,945	3,006	4,687	+ 56
Condensed milk and evaporated milk (case goods) 1/	75,156	70,282	76,688	+ 9

1/Combined to avoid disclosing individual plant operations.

Recent Change in Butter and Cheese Output

Periods	Butter			American Cheese		
	United States		Wisconsin	United States		Wisconsin
	Production 1979	Change from last year	Change from last year	Production 1979	Change from last year	Change from last year
	1,000 lbs.	Percent	Percent	1,000 lbs.	Percent	Percent
December	83,760	+ 8	+ 8	172,496	+ 1	+ 4
Jan.-Dec.	985,402	- 1	+ 2	2,187,272	+ 5	+ 6
Weeks ending 1980						
Jan. 10	23,400	+ 3	- 3	40,500	+ 7	+ 13
Jan. 17	22,500	+ 3	+ 17	38,100	+ 1	+ 6
Jan. 24	22,300	+ 4	+ 5	40,500	+ 4	+ 10
Jan. 31	23,000	+ 5	+ 1	41,900	+ 2	+ 5
Total	91,200	+ 4	xxx	161,000	+ 4	xxx

STATE'S MILK PRODUCTION RECORD HIGH IN 1979

Wisconsin's 1979 milk production amounted to a record high of nearly 22 billion pounds, 3 percent more than in 1978. Milk cow numbers for 1979 averaged 2,000 head higher than the previous year. Monthly milk production per cow exceeded a year earlier in every month of 1979 except April and May. The annual production per cow for 1979 averaged 12,107 pounds, an increase of 372 pounds from 1978.

Number of Milk Cows in Herds on Farms, Wisconsin, 1968-79 1/

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1,000 head													
1968	1,909	1,905	1,900	1,895	1,890	1,885	1,880	1,875	1,869	1,863	1,858	1,853	1,882
1969	1,849	1,846	1,843	1,839	1,836	1,833	1,830	1,827	1,824	1,821	1,818	1,816	1,832
1970	1,815	1,815	1,814	1,814	1,813	1,813	1,812	1,812	1,813	1,813	1,814	1,814	1,814
1971	1,815	1,816	1,817	1,818	1,819	1,821	1,822	1,824	1,826	1,828	1,830	1,832	1,822
1972	1,832	1,832	1,832	1,832	1,832	1,832	1,832	1,831	1,831	1,830	1,829	1,827	1,831
1973	1,825	1,823	1,820	1,817	1,814	1,811	1,808	1,805	1,803	1,801	1,799	1,797	1,810
1974	1,796	1,797	1,798	1,799	1,800	1,800	1,800	1,801	1,803	1,805	1,807	1,809	1,801
1975	1,810	1,810	1,811	1,812	1,813	1,813	1,814	1,813	1,813	1,812	1,812	1,812	1,812
1976	1,811	1,811	1,810	1,810	1,810	1,810	1,808	1,805	1,804	1,803	1,801	1,800	1,807
1977	1,800	1,799	1,798	1,799	1,800	1,800	1,802	1,803	1,805	1,806	1,808	1,809	1,802
1978	1,810	1,810	1,811	1,811	1,811	1,811	1,811	1,811	1,812	1,812	1,811	1,811	1,811
1979	1,811	1,811	1,812	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813

1/Excludes heifers not yet fresh.

Milk Production per Cow, Wisconsin, 1968-79 1/

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Pounds													
1968	785	766	860	880	960	940	846	775	710	715	695	740	9,676
1969	780	745	860	875	975	992	885	810	735	710	700	775	9,853
1970	810	765	890	915	1,000	1,000	905	835	750	766	735	795	10,163
1971	840	795	910	940	1,025	1,005	905	845	770	785	735	790	10,345
1972	835	810	925	940	1,020	1,025	945	870	800	800	739	790	10,500
1973	830	785	910	935	1,000	980	890	820	750	765	730	790	10,189
1974	845	795	920	930	1,015	1,010	925	865	785	780	730	790	10,390
1975	835	790	915	930	995	990	910	850	785	815	775	840	10,430
1976	890	860	955	985	1,060	1,055	985	955	880	870	835	900	11,232
1977	950	885	1,025	1,040	1,115	1,090	1,030	985	905	900	845	905	11,676
1978	955	890	1,035	1,050	1,115	1,105	1,025	975	905	910	855	915	11,735
1979	980	910	1,045	1,045	1,115	1,110	1,080	1,035	960	965	905	960	12,107

1/Excludes milk sucked by calves.

Milk Production on Farms, Wisconsin, 1968-79 1/

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Million pounds													
1968	1,499	1,459	1,634	1,668	1,814	1,772	1,590	1,453	1,327	1,332	1,291	1,371	18,210
1969	1,442	1,375	1,585	1,609	1,790	1,818	1,620	1,480	1,341	1,311	1,273	1,407	18,051
1970	1,470	1,388	1,614	1,660	1,813	1,813	1,640	1,513	1,360	1,389	1,333	1,442	18,435
1971	1,525	1,444	1,653	1,709	1,864	1,830	1,649	1,541	1,406	1,435	1,345	1,447	18,848
1972	1,530	1,484	1,695	1,722	1,869	1,878	1,731	1,593	1,465	1,464	1,352	1,443	19,226
1973	1,515	1,431	1,656	1,699	1,814	1,775	1,609	1,480	1,352	1,378	1,313	1,420	18,442
1974	1,518	1,429	1,654	1,673	1,827	1,818	1,665	1,558	1,415	1,408	1,319	1,429	18,713
1975	1,511	1,430	1,657	1,685	1,804	1,795	1,651	1,541	1,423	1,477	1,404	1,522	18,900
1976	1,612	1,557	1,729	1,783	1,919	1,910	1,781	1,724	1,588	1,569	1,504	1,620	20,296
1977	1,710	1,592	1,843	1,871	2,007	1,962	1,856	1,776	1,634	1,625	1,528	1,637	21,041
1978	1,729	1,611	1,874	1,902	2,019	2,001	1,856	1,766	1,640	1,649	1,548	1,657	21,252
1979	1,775	1,648	1,894	1,895	2,021	2,012	1,958	1,876	1,740	1,750	1,641	1,740	21,950

1/Excludes milk sucked by calves.

Milk Cows and Milk Production by Months, United States, 1977, 1978, and 1979

Month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
1,000 head				Pounds			Million pounds		
January	11,026	10,925	10,833	897	913	923	9,887	9,972	10,004
February	11,018	10,896	10,804	844	855	862	9,301	9,259	9,317
March	11,004	10,872	10,773	961	966	977	10,572	10,501	10,526
April	10,992	10,840	10,757	976	979	985	10,725	10,614	10,600
May	10,978	10,818	10,750	1,034	1,032	1,044	11,354	11,161	11,226
June	10,961	10,807	10,738	1,003	1,004	1,022	10,989	10,851	10,973
July	10,960	10,803	10,741	974	973	996	10,671	10,516	10,698
August	10,968	10,813	10,755	945	942	971	10,363	10,188	10,439
September . . .	10,963	10,827	10,785	896	896	929	9,820	9,702	10,014
October	10,945	10,830	10,795	899	904	936	9,838	9,795	10,108
November	10,942	10,825	10,794	858	862	895	9,391	9,333	9,657
December	10,933	10,839	10,803	895	896	931	9,787	9,717	10,061
Annual	10,974	10,841	10,777	11,181	11,218	11,471	122,698	121,609	123,623

1/Excludes heifers not yet fresh. 2/Excludes milk sucked by calves.

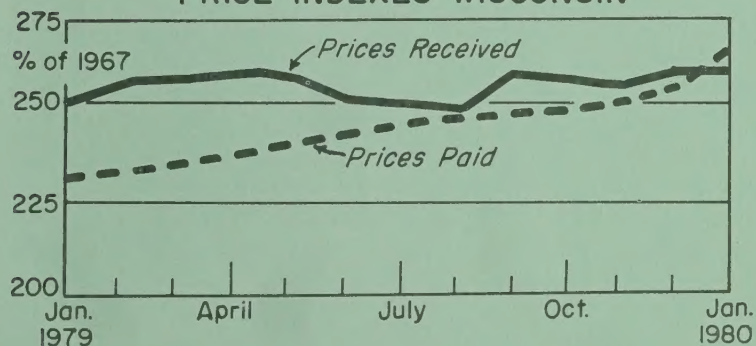
Milk production in the Nation during 1979 totaled 124 billion pounds, 2 percent above the previous year but 3 percent under the record of 127 billion pounds established in 1964. Production per cow for 1979 was a record high of 11,471 pounds, an increase of 253 pounds from 1978. The number of milk cows on farm continued downward. There were an average of 10.8 million milk cows on the Nation's farms in 1979, a decline of 1 percent from a year earlier.

Wisconsin remained the leading milk producing state in 1979, with its 22 billion pounds accounting for 18 percent of the National output. California was the next ranking state with 12.5 billion pounds. New York produced 10.7 billion pounds, Minnesota 9.2 billion, and Pennsylvania 8.1 billion. These five states provided over half of the National milk production in 1979.

PRICES RECEIVED INDEX FALLS BELOW PRICES PAID INDEX

The index of prices received by Wisconsin farmers as of mid-January averaged 262 percent of the 1967 base, down 1 point from a month earlier. The index of prices paid increased 9 points to an average of 266 percent of the 1967 base. This was the first month since July 1978 that the prices paid index exceeded the prices received index. Declines in the price of soybeans and corn were the main contributors to a lower prices received index, while higher costs for energy, interest, and taxes pushed the prices paid index up. Although the prices received index was 11 points above January 1979, the index of prices paid increased 34 points.

PRICE INDEXES-WISCONSIN



Milk cows averaged \$1,085.00 per head in January, up \$15.00 from the previous month and \$215.00 above last year. Calves brought a record high of \$114.00 a hundredweight as of mid-January, a gain of \$4.10 from December and \$45.90 higher than January 1979.

Steers and heifers averaged \$64.80 a hundredweight for January, an increase of 50 cents from a month earlier and \$10.70 more than a year ago. Slaughter cows returned an average of \$48.30 a hundredweight as of January 15, up \$1.00 from December and 10 cents higher than last year.

Hog prices declined from December to January. At \$36.70 a hundredweight in January, hogs were down 70 cents from the previous month and \$13.40 under a year ago.

Sheep averaged \$19.50 a hundredweight in January, a gain of 70 cents from December and \$2.90 above January 1979. Lamb prices increased \$3.00 from December to January. At \$66.00 a hundredweight for mid-January, lambs were \$2.30 more than a year earlier.

Turkey prices dropped sharply from December to January. Turkeys averaged 39 cents a pound liveweight in January, down 9 cents from the previous month and 12 cents below a year ago. Eggs also declined substantially from December to January. Egg prices averaged 52.5 cents a dozen as of January 15, down 9.5 cents from a month earlier and only one-half cent above January 1979.

Wheat prices averaged \$3.54 a bushel in January, the same as the previous month but 42 cents higher than last year. Corn prices fell 13 cents from December to January. At \$2.17 a bushel in mid-January, corn was 19 cents above a year ago.

Prices Received by Wisconsin Farmers

Commodity	Unit	January 15 1978	January 15 1979	December 15 1979	January 15 1980
Dollars					
Milk cows	Head	610.00	870.00	1,070.00	1,085.00
Steers and heifers .	Cwt.	37.90	54.10	64.30	64.80
Cows	Cwt.	26.90	48.20	47.30	48.30
Calves	Cwt.	42.00	68.10	109.90	114.00
Hogs	Cwt.	43.00	50.10	37.40	36.70
Sheep	Cwt.	13.50	16.60	18.80	19.50
Lambs	Cwt.	57.00	63.70	63.00	66.00
Turkeys	Lb.	.410	.510	.480	.390
Eggs	Doz.	.456	.520	.620	.525
Corn	Bu.	1.91 1/	1.98 1/	2.30 1/	2.17
Wheat	Bu.	2.34	3.12	3.54	3.54
Oats	Bu.	1.08 1/	1.17 1/	1.35 1/	1.30
Soybeans	Bu.	5.54	6.33	5.85	5.57
Alfalfa hay, baled	Ton	52.50	39.50	30.00	31.50

1/Average for the month.

The index of prices received by Wisconsin farmers for 1979 averaged 257 percent of the 1967 base. This was an increase of 33 points (15 percent) from 1978. Record high prices for milk, cattle, sheep, and lambs in 1979, along with improved crop prices, were the main reasons for the gain in the prices received index. The index of prices paid by Wisconsin farmers for 1979 averaged 245 percent of the 1967 base, up 27 points (12 percent) from 1978. Sharply higher prices for fuel and fertilizer contributed to the increase in the prices paid index.

Prices Received Index 1967=100, Wisconsin

Month	1977	1978	1979
January	195	205	251
February	196	211	256
March	197	214	258
April	198	217	260
May	200	220	260
June	199	220	253
July	198	219	252
August	197	224	251
September	199	230	260
October	200	240	260
November	200	243	261
December	202	246	263
Annual	198	224	257

CATTLE INVENTORY HIGHER IN WISCONSIN

The number of cattle and calves on Wisconsin farms January 1 totaled nearly 4.3 million head, an increase of 4 percent from a year earlier. This was the first increase in the State's cattle inventory since January 1, 1975.

There were 1,813,000 milk cows that had calved in Wisconsin as of January 1 this year, an increase of 3,000 milk cows from that date last year. Beef cows that had calved totaled 248,000, up 20,000 head from January 1, 1979 but still 102,000 head below the beef cow inventory of January 1, 1976.

Milk replacement heifers weighing 500 pounds or more numbered 735,000 head at the beginning of 1980, an increase of 22,000 head from a year earlier. The 55,000 head of beef replacement heifers were 7,000 head fewer than on January 1 last year. Other heifers weighing 500 pounds or more totaled 85,000 head, up 3,000 head from a year ago.

The number of steers and bulls weighing 500 pounds and over on Wisconsin farms January 1 was above the previous year. There were also more steers, heifers, and bulls weighing under 500 pounds than a year earlier. Wisconsin's 1979 calf crop of 1,985,000 head was 5,000 head fewer than in 1978.

All sheep and lambs on Wisconsin farms January 1 totaled

113,000 head, 19 percent more than a year ago. This was the third consecutive increase in sheep and lambs after several years of declining numbers. Stock sheep numbered 100,000 head, up 15,000 head from January 1, 1979. The largest increases occurred in breeding ewes and ewe lambs. Ewes 1 year and older numbered 70,000 head, 11 percent higher than the previous year. Ewe lambs, at 23,000 head were 35 percent greater than on January 1 last year. Rams and wethers totaled 7,000 head compared with 5,000 a year earlier. The 1979 lamb crop of 92,000 head was 18 percent larger than in 1978. There were 13,000 sheep and lambs on feed January 1 compared with 10,000 a year ago.

Hog producers in Wisconsin had 1,830,000 hogs and pigs on farms December 1, 1979. This was the largest hog inventory in nine years. Breeding stock on December 1 was up 3 percent from a year earlier, while the number of market hogs increased 13 percent.

All chickens in Wisconsin on December 1, 1979 totaled 5,400,000, the same as on that date in 1978.

The total value of all cattle, calves, hogs, sheep, lambs, and chickens was over \$3.1 billion, an increase of 25 percent from a year earlier. Cattle and calves were valued at a record high of \$710.00 per head, up \$130.00 from January 1, 1979. Hog values were down sharply. At an average value per head

Number and Value of Livestock, January 1, Wisconsin

Class of livestock	Number		Farm value per head		Farm value	
	1979	1980	1979	1980	1979	1980
	1,000 head		Dollars		1,000 dollars	
Cows and heifers that have calved	2,038	2,061	—	—	—	—
Beef cows	228	248	—	—	—	—
Milk cows	1,810	1,813	—	—	—	—
Heifers 500 pounds and over	857	875	—	—	—	—
For beef cow replacement	62	55	—	—	—	—
For milk cow replacement	713	735	—	—	—	—
Other heifers	82	85	—	—	—	—
Steers 500 pounds and over	291	366	—	—	—	—
Bulls 500 pounds and over	41	43	—	—	—	—
Heifers, steers, and bulls under 500 pounds	873	935	—	—	—	—
All cattle and calves	4,100	4,280	580.00	710.00	2,378,000	3,038,800
Hogs and pigs 1/	1,650	1,830	80.00	53.00	132,000	96,990
Stock sheep and lambs	85	100	—	—	—	—
Ewes 1 year and older	63	70	—	—	—	—
Ewe lambs	17	23	—	—	—	—
Rams and wethers 1 year and older	3	4	—	—	—	—
Wether and ram lambs	2	3	—	—	—	—
Sheep and lambs on feed	10	13	—	—	—	—
All sheep and lambs	95	113	71.00	84.00	6,745	9,492
Hens and pullets of laying age	4,018	4,030	—	—	—	—
Other pullets	1,344	1,335	—	—	—	—
Other chickens	38	35	—	—	—	—
All chickens 1/ 2/	5,400	5,400	1.65	1.85	8,910	9,990
Turkey breeder hens 1/	75	3/	7.50	3/	563	3/
Total value	—	—	—	—	2,526,218	3,155,272 4/
United States						
Beef cows	37,003	36,983	—	—	—	—
Milk cows	10,839	10,810	—	—	—	—
All other cattle	63,022	63,168	—	—	—	—
All cattle and calves	110,864	110,961	403.00	502.00	44,661,338	55,723,774
Hogs and pigs 1/	60,100	66,950	83.30	56.30	5,004,269	3,769,706
Sheep and lambs	12,220	12,513	71.70	77.90	875,927	974,142
Chickens 1/ 2/	395,769	399,676	1.75	1.81	693,766	724,844
Turkey breeder hens 1/ 5/	3,370	3,700	12.53	13.56	42,222	50,187
Total value	—	—	—	—	51,277,522	61,242,653

1/December 1 previous year. 2/Does not include commercial broilers. 3/Not published to avoid disclosing individual operations. 4/Turkey breeder hen value not included.
5/U. S. totals are for 27 selected states.

of \$53.00, hogs were \$27.00 under the record high of December 1, 1978. Sheep and lambs had a value per head of \$84.00, a gain of \$13.00 from the previous year. All chickens were valued at \$1.85 each, 20 cents more than a year earlier.

All cattle and calves in the Nation on January 1, 1980 totaled 111 million head, slightly above a year ago and the first increase since 1975. Beef cows at 37 million head were virtually unchanged from January 1, 1979. There were 10.8 million milk cows on the Nation's farms January 1, a little lower than the previous year.

Beef replacement heifers in the Nation at the beginning of 1980 were up 8 percent from a year earlier, while milk replacement heifers increased 6 percent. The number of steers weighing 500 pounds or more was down 3 percent but bulls in that weight category were up 4 percent. Heifers, steers, and bulls weighing under 500 pounds had a slightly higher inventory than a year ago. The Nation's 1979 calf crop of 42.8 million head was 2 percent below 1978.

There were 67 million head of hogs and pigs on the Nation's farms December 1, an increase of 11 percent from that date in 1978 and the largest December 1 inventory since 1970. All sheep and lambs on farms January 1, 1980 totaled 12.5 million head, up 2 percent from a year earlier and the first increase in sheep numbers since 1960.

Chicken numbers in the Nation on December 1, 1979 were 1 percent above the previous year, while the inventory of turkey breeder hens increased 10 percent.

The total value of all cattle, calves, hogs, sheep, lambs, chickens, and turkey breeder hens in the Nation was \$61.2 billion, 19 percent more than a year earlier.

POULTRY STOCKS UP 39 PERCENT

Cold storage stocks of poultry in the Nation at the end of January were 39 percent higher than a year ago. Stocks of chicken were up 28 percent from January 31, 1979, while turkey stocks increased 46 percent.

There were 736 million pounds of red meat in cold storage at the end of January, an increase of 1 percent from the previous year as higher pork stocks offset lower beef supplies.

Pork stocks totaled 286.1 million pounds on January 31, up 27 percent from that date last year. Beef stocks at 369.7

million pounds were 13 percent below a year ago. Stocks of veal were 10 percent above January 31, 1979, but stocks of lamb and mutton declined 5 percent.

NATION'S HOG SLAUGHTER RECORD HIGH FOR JANUARY

Hog slaughter in the Nation during January totaled 8.4 million head, an increase of 26 percent from a year ago and a record kill for that month. Wisconsin's hog slaughter in January numbered 206,000 head, up 35 percent from January 1979.

There were 98,000 cattle butchered in Wisconsin during January, 8 percent more than a year earlier. The Nation's cattle slaughter for January was down 12 percent from that month last year.

The 38,000 calves slaughtered in Wisconsin during January were just slightly more than a year ago. Calf slaughter in the Nation was 21 percent below January 1979.

The number of sheep and lambs slaughtered in the Nation for January was up 15 percent from the previous year. Sheep and lamb slaughter in Wisconsin totaled 300 head in January compared with 200 head a year earlier.

Commercial Slaughter, January 1979 and 1980
Wisconsin and United States 1/

Species and area	Number slaughtered			Total liveweight		
	1979	1980	Change from last year 2/	1979	1980	Change from last year 2/
	1,000 head		Percent	Million pounds		Percent
WISCONSIN						
Cattle, all	91	98	+ 8	106.8	116.5	+ 9
Cows 3/	45.7	51.0	+ 12	—	—	—
Steers & heifers 3/	31.1	33.3	+ 7	—	—	—
Calves	38	38	+ 1	7.5	8.2	+ 10
Hogs, all	152	206	+ 35	36.6	49.1	+ 34
Sows 3/	2.7	3.1	+ 15	—	—	—
Sheep & lambs . .	.2	.3	+ 50	21 4/	32 4/	+ 52
UNITED STATES						
Cattle, all	3,305	2,923	- 12	3,511	3,180	- 9
Cows 3/	549	520	- 5	—	—	—
Steers & heifers 3/	2,491	2,164	- 13	—	—	—
Calves	296	235	- 21	70	55	- 21
Hogs, all	6,696	8,416	+ 26	1,611	2,044	+ 27
Sows 3/	317	442	+ 39	—	—	—
Sheep & lambs . .	402	462	+ 15	46	54	+ 17

1/Excludes farm slaughter. 2/Percent change based on unrounded values. 3/Federally inspected only. 4/Expressed in thousands.

Cold Storage Stocks of Red Meat and Poultry
United States, January 31, 1980, and Comparisons

Commodity	Jan. 31 1978	Jan. 31 1979	Dec. 31 1979	Jan. 31 1980	Change from last year
	1,000 pounds				Percent
FROZEN MEAT					
Beef	313,088	423,712	350,334	369,661	- 13
Pork	174,936	224,497	283,347	286,125	+ 27
Veal	13,120	9,632	10,251	10,631	+ 10
Lamb and mutton	9,261	10,965	10,751	10,410	- 5
CANNED MEATS IN COOLER					
Hams	35,896	44,737	36,819	41,545	- 7
Other meats	12,805	14,816	17,216	17,628	+ 19
Total red meat 1/.	559,106	728,359	708,718	736,000	+ 1
FROZEN POULTRY					
Chicken, all	133,313	106,011	142,100	135,814	+ 28
Turkeys, all	168,266	170,674	240,039	249,145	+ 46
Total poultry 2/.	304,559	279,803	386,944	388,932	+ 39

1/Excludes cooler beef and cooler pork. 2/Includes frozen ducks.

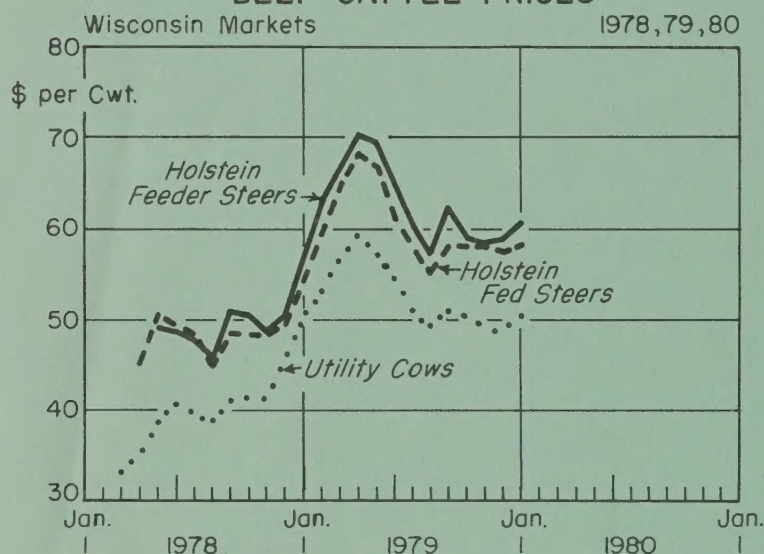
NOTICE

Beginning with this issue, the monthly average prices for cattle and hogs will be Wisconsin market prices rather than the Kansas City and St. Paul markets that have been used previously. These Wisconsin prices are compiled by market reporters of the Wisconsin State-Federal Livestock Market News. The cattle prices used in the narrative and chart for the Wisconsin Farm Reporter will be from auction markets and will include good and choice Holstein fed steers weighing 1100 to 1500 pounds, utility cows, and large frame No. 2 Holstein feeder steers weighing 800 to 1000 pounds. The hog price will include barrows and gilts, U. S. 1-2, weighing 200 to 230 pounds. These will be Wisconsin direct hog prices at packing plants and at country buying stations.

BEEF MARKET HIGHER

Beef cattle prices at Wisconsin auction markets during January were up from the previous month. Good and choice Holstein fed steers weighing 1,100-1,500 pounds averaged \$58.12 a hundredweight in January. This was 30 cents above December and \$2.90 more than a year ago.

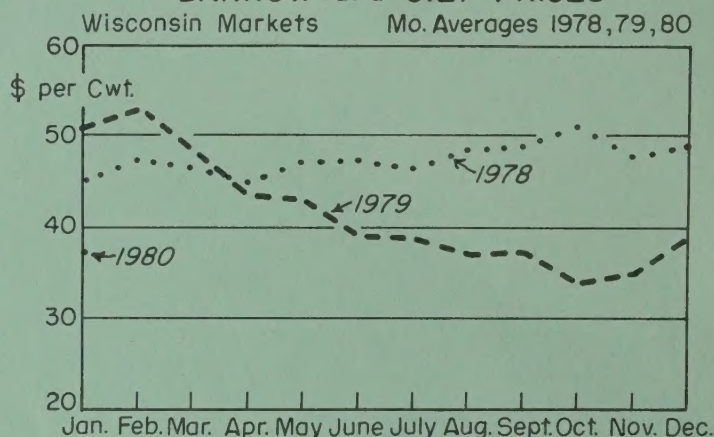
Utility cows at Wisconsin markets averaged \$50.52 a hundredweight during January, an increase of \$2.30 from December but about the same as in January 1979.

BEEF CATTLE PRICES

Large frame number two Holstein feeder steers weighing 800-1,000 pounds averaged \$60.71 a hundredweight during January. This was \$1.59 more than a month earlier and \$3.54 above last year.

HOG MARKET DOWN

Prices paid for barrows and gilts at Wisconsin packing plants and country buying stations declined from December to January. Barrows and gilts weighing 200-230 pounds averaged \$37.23 a hundredweight in January, down \$1.18 from December and nearly \$14.00 under a year ago.

BARROW and GILT PRICES

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